

AMERICAN FORESTRY

THE MAGAZINE OF

THE AMERICAN FORESTRY ASSOCIATION, WASHINGTON, D. C.

VOLUME XXV—JANUARY TO DECEMBER, 1919, INCLUSIVE

AUTHOR'S INDEX

	<i>Page</i>		<i>Page</i>
Abbott, Clinton G., article by.....	945	Lewis, Lieut., article by.....	1206
Allen, A. A., articles by.....	793; 877; 931; 1001; 1228; 1291; 1419; 1526	Lowdermilk, W. C., article by.....	1534
Andrews, Eliza F., article by.....	1476	Lyford, P. L., article by.....	1482
Babbitt, W. H., article by.....	1265	MacDonald, Austin F., article by.....	1361
Barnes, Will C., article by.....	798	Mason, David T., articles by.....	1187; 1469
Benet, W. R., poem by.....	1467	Mattoon, Wilbur R., article by.....	1547
Besley, F. W., article by.....	983	Maxwell, Hu, articles by.....	807; 845; 923; 973; 1208; 1343
Brown, Nelson Courtlandt, article by.....	1315	Mitchell, Guy E., article by.....	1480
Burris, M. M., articles by.....	859; 1217	Moore, Barrington, article by.....	1113
Butler, O. M., article by.....	1410	Owens, Vilda Sauvage, poem by.....	1220
Carson, William, article by.....	1297	Pack, Charles Lathrop, articles by.....	771; 918; 985; 1053; 1391
Chapman, H. H., articles by.....	835; 1075	Pearson, C. H., article by.....	782
Cheyney, E. G., articles by.....	790; 792; 856; 1006; 1290; 1473	Pratt, M. B., article by.....	1443
Clapp, Earle H., article by.....	947	Rane, Frank W., article by.....	1546
Clark, W. Darrow, article by.....	818	Ridsdale, Percival Sheldon, articles by.....	899; 963; 1027; 1137; 1251
Clopper, H. S., article by.....	1482	Riley, Smith, articles by.....	1260; 1465
Cook, Alice Spencer, article by.....	1329	Riordan, M. J., poem by.....	1450
Craft, Quincy R., article by.....	1470	Sarett, Lew R., poem by.....	1314
Dana, Samuel T., article by.....	1507	Seaver, Fred J., article by.....	1475
Davis, R. O. E., article by.....	1350	Sharples, Philip P., article by.....	1415
DeBoer, S. R., article by.....	1458	Shattuck, C. H., article by.....	1219
Demorlaine, J., article by.....	1040	Shufeldt, R. W., articles by.....	801; 868; 937; 995; 1069; 1221; 1285; 1465; 1481; 1531
Dow, Joy Wheeler, article by.....	819	Simmons, J. R., article by.....	1205
Faulkner, Ralph H., article by.....	1155	Sperry, Edward P., article by.....	1062
Faxon, R. B., article by.....	864	Strayer, O. B., article by.....	1536
Ferguson, John, poem by.....	1044	Stuart, R. Y., article by.....	1193
Fraser, Donald A., poems by.....	1328; 1478	Swift, J. Otis, articles by.....	853; 1009; 1066; 1358
Gaskill, Alfred, article by.....	1542	Taylor, Arthur A., article by.....	1446
Gates, Moody B., article by.....	1063	Tillotson, C. R., article by.....	785
Graves, Henry S., articles by.....	907; 1109; 1281; 1401	Toumey, James W., article by.....	816
Greeley, W. B., articles by.....	1093; 1379; 1451	Treen, E. W., article by.....	1551
Guise, C. H., article by.....	1486	Tucker, Frank B., article by.....	1226
Hammatt, R. F., article by.....	1531	Walker, Robert Sparks, article by.....	1485
Hawes, Austin F., article by.....	1479	West, Clara L., article by.....	1523
Hill, Roland, article by.....	1199	Wilson, Ellwood, articles by.....	825; 889; 953; 1015; 1057; 1078; 1238; 1241; 1302; 1371; 1428; 1492; 1558
Hulbert, Henry W., article by.....	1059	Wilson, McLandburgh, poem by.....	789
Illick, J. S., articles by.....	1386; 1538	Wylie, Lollie Belle, poem by.....	1474
Kitts, Joseph A., article by.....	1264	Zimmerman, H. E., articles by.....	823; 1450
Lange, D., article by.....	1273		
Leopold, Aldo, articles by.....	1295; 1479		

GENERAL INDEX

	<i>Page</i>		<i>Page</i>
Air, Photographing Forests From The.....	1206	Appalachian and Piedmont, Regions, Erosion in the—R. O. E. Davis.....	1350
Aircraft to Fight Forest Fires, Army.....	1081	Appalachian Mountain Club, Philip W. Ayers Elected President of.....	922
Airplane Forest Fire Patrol in California—R. F. Hammatt.....	1531	Appreciation, An—J. A. Woodruff.....	1092
Airplanes Find Forest Fires.....	1371	Arborists Meet.....	1430
Airplane Patrol in National Forests.....	1244	Architecture in Our National Forests and Parks, Landscape S. R. DeBoer.....	1459
Aliens with Appetites De Luxe, Excluding Enemy—Charles Lathrop Pack.....	1053	Army, French Forests for our—Percival Sheldon Ridsdale.....	963
Allies, Forest Casualties of Our—Percival Sheldon Ridsdale	899	Army and Training in Forestry, The National—James W. Toumey	818
Alphabet Grown on Trees—H. E. Zimmerman.....	823	Army Got Its Wood, How the American—Percival Sheldon Ridsdale	1137
American Army Got Its Wood, How the—Percival Sheldon Ridsdale	1137	Artificial Limbs, Wooden—Hu Maxwell.....	807
American Forestry Forestry Association, War Service of the	1158	Ax! Introduce Yourself to an.....	787
American Lumberjack in France, The—W. B. Greeley.....	1093	Ayers Elected President of the Appalachian Mountain Club, Philip W.....	922
Annual Meeting, The Announcement of the.....	1530		

GENERAL INDEX—Continued.

Bagworm or Basket Worm, The—Fred J. Seaver.....	1475
Beaver Work.....	1472
Beech, Plant A—poem by Lollie Belle Wylie.....	1474
Belgium, Forest Restoration in.....	1477
Belgium's Forests Blighted by the Hun—Percival Sheldon Ridsdale.....	1251
“Biddy,” An Original Bird—Clinton G. Abbott.....	945
Birds and Beasts, A Christmas Walk With—A. A. Allen.....	1256
Bird, “Biddy,” An Original—Clinton G. Abbott.....	945
Bird Department—By A. A. Allen:	
The Sandpipers.....	793
The Plovers.....	877
The Waterfowl.....	931
Rails, Gallinules and Coots.....	1001
The Herons.....	1228
The Gulls and Terns.....	1291
The Loons and Grebes.....	1419
A Christmas Walk With the Birds and Beasts.....	1526
Bird House Building Contest, Trenton's—M. M. Burris.....	859
Birds as an Act of Patriotism, Protecting—Moody B. Gates.....	1063
Birds in Winter, Care for the.....	781
Boats and Their Manufacture, Wooden—Hu Maxwell.....	973
Book Reviews: Department of Magazine—	
France, the France I Love.....	826
Mrs. Allen's Cook Book.....	891
Trees, Stars and Birds.....	891
The Forest Ranger.....	1240
Practical Tree Repair.....	1240
Identification of the Economic Woods of the United States.....	1240
Vacation Days in Colorado's National Forests.....	1241
Trees of Indiana.....	1240
The Book of the National Parks.....	1307
Timber, Its Strength, Seasoning and Grading.....	1307
Forest Management.....	1363
The Condensed Chemical Dictionary.....	1500
Forest Products—Their Manufacture and Use.....	1500
The Hidden Aerial.....	1502
Thrift and Conservation.....	1562
1919 Forest Club Annual.....	1562
Borers, Protect Locust Trees.....	1243
Bouquets.....	1016; 1375; 1426
Brave, A Garden of the—poem by Vilda Sauvage Owens.....	1220
Brazil Nut Tree, Uses of the—C. H. Pearson.....	782
British Forests, War's Destruction of—Percival Sheldon Ridsdale.....	1027
Broadway, Guarding Forests Near.....	1552
“Built-Up” Wood,—O. M. Butler.....	1410
Burgoyne Elm, The.....	1480
Burned Out, American Forestry Offices.....	1493
California, Airplane Forest Fire Patrol in—R. F. Hammatt.....	1531
California's Redwood Park—Arthur A. Taylor.....	1446
Camp, Cornell Foresters in—C. H. Guise.....	1486
Campaign, Tussock Moth Caterpillar—M. M. Burris.....	1217
Canada to Help France—Ellwood Wilson.....	1057
Canadian Department, The—Ellwood Wilson. 825; 889; 952; 1015; 1078; 1241; 1302; 1370; 1428; 1492; 1558	
Canadian Forestry Corps Work in France—Roland Hill.....	1199
Canal Zone, Uncle Sam, Lumberman—W. H. Babbitt.....	1265
Care for the Birds in Winter.....	781
Cascara Stumpage Advertised on Siuslaw.....	972
Casualties of Our Allies, Forest—Percival Sheldon Ridsdale.....	899
Caterpillars, A Simple Way to Destroy—Edward P. Sperry.....	1062
Central Park Trees Starving to Death—Charles Lathrop Pack.....	1391
Chestnut Felled by Dynamite, Huge.....	1484
China, Forests and Floods in—H. H. Chapman.....	835
Christmas Tree, Travels of an English—Clara L. West.....	1523
Christmas Walk with Birds and Beasts, A—A. A. Allen.....	1526
Church Built from One Tree—H. E. Zimmerman.....	1450
City Tree Planting—Aldo Leopold, Grating Solves.....	858
Code and the Regime Forestier, The Forest—W. B. Greeley.....	1451
College of Forestry Exhibit, Syracuse.....	1488
Community and Roads of Remembrance, The.....	1416
Conference, Southwestern Forest Supervisors Hold Forest.....	1005
Conference, Tri-State Forestry.....	1565
Congress, The Second Southern Forestry.....	1566
Conservation of Paper.....	1355
Conservation, The Dry Kiln and—E. W. Treen.....	1551
Consular Service, DuBois to Enter.....	1472
Contest, Trenton's Bird-House Building—M. M. Burris.....	859
Control of Private Forest Cutting—W. Darrow Clark.....	818
Control, Now for Forest Fire—Alfred Gaskill.....	1542
Cooperage Industry, Wood Used in the—Hu Maxwell.....	1208
Coots, Rails, Gallinules and—A. A. Allen.....	1001
Cornell Foresters in Camp—C. H. Guise.....	1480
Course in Lumber Uses, University of Minnesota Offers.....	1207
Crater Lake Shell Hole.....	941
Cruising Timber—P. L. Lyford.....	1482
Current Literature: (Department of Magazine).....	828; 892; 955; 1019; 1082; 1245; 1309
Cutting, Control of Private Forest—W. Darrow Clark.....	818
Cut-Over Lands, Use of.....	1298
Dean of Foresters Retires, Dr. Fernow.....	1289
Decade of Private Forest Planting in Pennsylvania, A—J. S. Illick.....	1538
Desert Plants, Emergency Feed from.....	875
Destruction of British Forests, War's—Percival Sheldon Ridsdale.....	1027
Destroying Female Trees—Aldo Leopold.....	1479
Digest, Forestry.....	788; 881; 1008; 1296; 1356; 1408; 1490; 1575
Disabled Men, Forestry Pursuits for.....	883
Dixie, Forestry in.....	861
Douglas Fir, The—poem by Donald A. Fraser.....	1478
Douglass “Killed in Action,” Lieut.....	1289
Dry Kiln and Conservation, The—E. W. Treen.....	1551
DuBois to Enter Consular Service.....	1472
Dynamite, Huge Chestnut Felled by.....	1484
Dynamite, Nurseryman Believes in—O. B. Strayer.....	1536
Elm, The Burgoyne.....	1480
Emergency Feed from Desert Plants.....	875
Engineers Hoboken Sheet, Old Tenth.....	886
Engineers, The Forest—Henry S. Graves.....	1109
English Christmas Tree, Travels of an—Clara L. West.....	1523
Erosion in the Appalachian and Piedmont Regions—R. O. E. Davis.....	1350
Excluding Enemy Aliens with Appetites De Luxe—Charles Lathrop Pack.....	1053
Exhibit, Syracuse College of Forestry.....	1488
Extension Work in Forestry—A. F. Hawes.....	1479
Farm Forestry, Terms Used in.....	1342
Farm Timber Adds to Cash Return From Land, Sale of Surplus.....	817
Farm Woodland Development under the Smith-Lever Act, The Possibilities of—C. R. Tillotson.....	785
February—And Plant Life Still Sleeps in Northern Climes—R. W. Shufeldt.....	868
Feed from Desert Plants, Emergency.....	875
Female Trees, Destroying—Aldo Leopold.....	1479
Fencing Materials from Forests—Hu Maxwell.....	923
Fern, Gathering the Spinulose Shield—Frank B. Tucker.....	1226
Fernow, Dean of Foresters, Retires.....	1289
Fire Control, Now for Forest—Alfred Gaskill.....	1542
Fire Patrol in California, Airplane Forest—R. F. Hammatt.....	1531
Fire Losses, Prevention of Forest—Smith Riley.....	1260
Fire, The Glory of the Redwoods Threatened by—M. B. Pratt.....	1443
Fires, Forest Destruction Prevented by Control of Surface—Joseph A. Kitts.....	1264
Fires Occur, Why and How Some Forest.....	1354
Fires, The Northwest's Worst.....	1259
Fir, The—poem by Donald A. Fraser.....	1328
Fir, The Douglas—poem by Donald A. Fraser.....	1478
Firm of Foresters, New.....	1566
Floors Made of Wood—Hu Maxwell.....	1343
Floods in China, Forests and—H. H. Chapman.....	835
Florida, The Gopher Tortoise of—R. W. Shufeldt.....	1465
Flowers of Maryland and West Virginia, State.....	1524
Flowers, Phytophotography—Or the Science of Photograping—R. W. Shufeldt.....	1059
For Them a Tree Is Planted There.....	1468
For Them a Tree Stands There.....	1268
Foreign Nursery Stock Inspection.....	1076
Foreign Students of Forestry in America.....	1525
Forest Casualties of Our Allies—Percival Sheldon Ridsdale.....	899
Forest Code and the Regime Forestier, The—W. B. Greeley.....	1451

GENERAL INDEX—Continued.

Forest Cutting, Control of Private Forest—W. Darrow Clark	818	Page
Forest Destruction Prevented by Control of Surface Fires—Joseph A. Kitts	1264	Giant Redwood, The—poem by M. J. Riordan
Forest Engineers, The—Henry S. Graves	1109	1450
Forest Fire Control, Now For—Alfred Gaskill	1542	Glory of the Redwood Threatened by Fire, The—M. B. Pratt
Forest Fire Patrol in California, Airplane—R. F. Hammatt	1531	1443
Forest Investigation	1218	Gopher Tortoise of Florida, The—R. W. Shufeldt
Forest Losses on the Italian Front—Nelson Courtland Brown	1315	1465
Forest Opportunity on Pine Lands in the South—F. W. Besley	983	Grating Solves City Tree Problem
Forest Plantation Upon Pikes Peak, National—Smith Riley	1465	858
Forest Policy of France—Its Vindication—W. B. Greeley	1379	Great Tree Maker, "The"
Forest Research—In The War and After—Earle H. Clapp	947	1158
Forest Restoration in Belgium	1477	Grow, When Trees—J. S. Illick
Forest School News (Department of Magazine)	1372; 1425; 1496; 1560	1386
Forest Service Offers Photographic Exhibits	1426	Guardian of Our Forests, The—Alice Spencer Cook
Foresters and Lumbermen Home from France—David T. Mason	1187	1329
Foresters Edition of American Forestry, Announcement of	1464	Guarding Forests Near Broadway
Foresters, Jobs for Returning Lumbermen and	1159	1552
Forestry and Horticulture, Highway—Henry W. Hulbert	1059	Gulls and Terns, The—A. A. Allen
Forestry and Patience—Quincy R. Craft	1470	1291
Forestry as a Vocation—H. H. Chapman	1075	Harmless Fire-Bug, The—poem by E. G. Cheyney
Forestry Congress, New England	942	792
Forestry Corps Work in France, Canadian—Roland Hill	1199	Harnessing a River—Guy E. Mitchell
Forestry Digest	788; 881; 1008; 1296; 1356; 1408; 1490; 1553	1480
Forestry, Extension Work in—A. F. Hawes	1479	Heralds, The—A. A. Allen
Forestry For Boys and Girls—By E. G. Cheyney: Squeaky Chipmunk Learns Something About Pine Seeds	790	1228
Squeaky Chipmunk Collects Some Seed	856	Highway Forestry and Horticulture—Henry W. Hulbert
Squeaky Chipmunk Makes a Discovery	1006	1059
Squeaky Chipmunk Finds Two More Vandals	1290	Highways, Trees and the—Philip P. Sharples
Squeaky Chipmunk Sees a New Enemy	1473	1415
Forestry in Dixie	861	Historic Trees, Lecture on
Forestry, Insects in Their Relation to—R. W. Shufeldt	1221	1246
Forestry Pursuits for Disabled Men	883	Hoboken Sheet, Old Tenth Engineers
Forestry—Relation of Wood to the Development of Civilization—William Carson	1297	886
Forestry Situation in New South Wales, The	862	Honor Roll—Memorial Trees, National
Forestry—The National Army and Training in—James W. Toumey	816	1204; 1270; 1333; 1433; 1494; 1564
Forestry Units, A Letter from Chaplain Williams of the	885	Horticulture, Highway Forestry and—Henry W. Hulbert
Forestry? Why Not a Secretary of—Frank W. Rane	1546	1059
Forests and Floods in China—Herman H. Chapman	835	Houston Urges Protection of the Forests, Secretary
Forests and the Water Supply, National—Samuel T. Dana	1507	822
Forests Blighted by the Hun, Belgium's—Percival Sheldon Ridsdale	1251	How the American Army Got its Wood—Percival Sheldon Ridsdale
Forests in the War, French—Barrington Moore	1113	1137
Forests in the War, Strategic Importance of—J. Demoraine	1040	Huge Chestnut Felled by Dynamite
Forests, The Guardian of Our—Alice Spencer Cook	1329	1484
Forests, Tracts Added to	1550	Hun, Belgium's Forests Blighted by the—Percival Sheldon Ridsdale
Forty Maples—Poem	1356	1251
Forward with Tree Planting—Charles Lathrop Pack	985	Idaho For More National Forests (Editorial)
France, A Lesson from—Ralph H. Faulkner	1155	944
France, Canada to Help—Ellwood Wilson	1057	In the Furrows of Freedom—Charles Lathrop Pack
France, Canadian Forestry Corps Work in—Roland Hill	1199	918
France, Foresters and Lumbermen Home from—David T. Mason	1187	Insects in Their Relation to Forestry—R. W. Shufeldt
France—Its Vindication. The Forest Policy of—W. B. Greeley	1379	1221
France, The American Lumberjack in—W. B. Greeley	1093	Introduce Yourself to an Ax!
France, The Meeting of New and Old World Logging Methods in the Fir Forests of France—W. C. Lowdermilk	1534	787
France, To Help Reforest	789	Investigation, Forest
Freedom, In the Furrows of—Charles Lathrop Pack	918	1218
French Forests for our Army—Percival Sheldon Ridsdale	963	Irving Along the Croton Aqueduct, With Washington—J. Otis Swift
French Forests in the War—Barrington Moore	1113	1066
Fuel, Cutting Wood for	1536	Italian Front, Forest Losses on—Nelson C. Brown
Fuel Wood by Weight, Sell	1012	1315
Fund, The Welfare	1163	Italian Government Buys Timber
Furrows of Freedom, In the—Charles Lathrop Pack	918	844
Garden of the Brave, A—poem by Vilda Sauvage Owens	1220	Jobs for Returning Lumbermen and Foresters
Gardens! Victory—Charles Lathrop Pack	771	1159
Gathering the Spinulose Shield Fern—Frank B. Tucker	1226	Kentucky, Forest Reserve for
Georgia Training Foresters for the War Department	1080	1220
		Kiln and Conservation, The Dry—E. W. Treen
		1551
		Kiln Drying Oak for Vehicles
		911
		Landscape Architecture in Our National Forests and Parks—S. R. DeBoer
		1459
		Large Trees, Transplanting
		1198
		Lesson From France, A—Ralph H. Faulkner
		1155
		Letter from Chaplain Williams of the Forestry Units
		885
		Let Trees Tell Their Glory, Not Our Sorrow
		1057
		Limbs, Wooden Artificial—Hu Maxwell
		807
		Lincoln Memorial University
		1308
		Locust, The Seventeen-Year—R. W. Shufeldt
		1285
		Locust Trees from Borers, Protect
		1243
		Logging Methods in the Fir Forests of France, The Meeting of New and Old World—W. C. Lowdermilk
		1534
		Losses, Prevention of Forest Fire—Smith Riley
		1260
		Louisiana, Forestry in
		1018
		Lowden Endorses Tree Planting, Governor
		876
		Lumberjack in France, The American—W. B. Greeley
		1093
		Lumbermen and Foresters, Jobs for Returning
		1159
		Lumbermen Home From France, Foresters and—David T. Mason
		1187
		Loons and Grebes, The—A. A. Allen
		1419
		Maine Woods, Table of Native
		1308
		Maker" "The Great Tree
		1158
		Mandrakes; Wild Lupine and Notes on the American Snapping Turtle—R. W. Shufeldt
		995
		Maples, Forty—(Poem)
		1356
		Marketing Woodland Products, Ten Helps in
		817
		Maryland, Spring in—poem by John Ferguson
		1045
		Meaning, Monuments With A
		1045
		Meeting-House, Renascence of The Modern—Joy Wheeler Dow
		819
		Meeting of New and Old World Logging Methods in the Fir Forests of France, The—W. C. Lowdermilk
		1534
		Meeting, The Annual
		1530
		Memorial to Our Soldiers and Sailors, Roadside Planting as a—R. B. Faxon
		864
		Memorial Tree, Washington's First
		984
		Memorial Trees
		1201
		Memorial Trees in 1920
		1537
		Memorial Trees, Enthusiasm for
		863
		Memorial Trees Planted for Soldiers and Sailors
		913
		Memorial Trees, National Honor Roll
		1204; 1333; 1433; 1494; 1564

GENERAL INDEX—Continued.

<i>Page</i>	<i>Page</i>
Memorials, Trees for.....	779
Mexico as a Source of Timber—Austin F. MacDonald.....	1361
Mighty Tree, A (Frontispiece poem).....	770
Minnesota Offers Course in Lumber Uses, University of.....	1207
Monuments with a Meaning.....	1045
Mountain, Thunder—Henry S. Graves.....	907
Mysteries and Revelations of the Plant World—D. Lange.....	1273
“Napoleon Willow” Dying.....	1414
Narcissus Bulbs, Fall is the Time to Plant.....	1308
National Army and Training in Forestry, The—James W. Toumey.....	816
National Forest Plantation Upon Pikes Peak—Smith Riley.....	1165
National Forest Policy—The Proposed Legislation—Henry S. Graves.....	1281
National Forest Policy—Discussion:	
The Proposed Legislation, by Henry S. Graves.....	1281
A Discussion of Methods—R. S. Kellogg.....	1282
Pennsylvania’s Opinion—George H. Wirt.....	1283
Control of Growing Forests—Alfred Gaskill.....	1284
Forest Economics: Some Thoughts on an old Subject—Wilson Compton.....	1337
Mandatory Control Opposed—E. A. Sterling.....	1339
Publicity Education Necessary—R. S. Maddox.....	1340
A Lumberman’s Viewpoint—Everitt G. Griggs.....	1340
Leaseholds Interfere—G. L. Hume.....	1341
No Half-Way Policies—J. E. Barton.....	1341
A Forest Policy Badly Needed—Ellwood Wilson.....	1342
A Policy of Forestry for the Nation—Henry S. Graves.....	1401
A Program for Private Forestry—H. H. Chapman.....	1405
Let all Sides be Heard—R. D. Forbes.....	1406
Forest Economics—H. H. Chapman.....	1473
Classification of Lands and Our Forest Policy—George Drolet.....	1475
Box Manufacturers Resolve.....	1475
A Forest Policy—Frank L. Moore.....	1476
National Lumber Manufacturers Resolve.....	1544
A National Forest Policy—The American Paper and Pulp Association.....	1544
Resolutions by the New York Conference on a National Forest Policy.....	1545
National Honor Roll, Memorial Trees.....	1204
National Forest Policy, Why and How. A.....	1049
National Forests, Airplane Patrol in.....	1244
National Forests and Parks, Landscape Architecture in Our—S. R. DeBoer.....	1459
National Forests and the Water Supply—Samuel T. Dana.....	1507
National Honor Roll, Memorial Trees. 1204; 1270; 1333; 1433; 1494; 1507	1564
National Lumber Congress, A.....	891
National Park to Honor Roosevelt, A.....	855
Natural History Department—By R. W. Shufeldt	
Plants that Occur in Both North and South Atlantic States; Together with Notes on the American Sparrow Hawk.....	801
February—And Plant Life Still Sleeps in Northern Climes.....	868
Various Parasitic Plants: With an Owl Story.....	937
Mandrakes; Wild Lupine, and Notes on the American Snapping Turtle.....	995
Photophotography—Or the Science of Photographic Flowers.....	1069
Insects in their Relation to Forestry.....	1221
The Seventeen-Year Locust.....	1285
The Gopher Tortoise of Florida.....	1465
An Interesting Spider from Florida.....	1481
The Racoons of North America.....	1531
Nature in the Nude.....	1255
Nepperhan Valley in Winter Time. Walks in the Woods, The—J. Otis Swift.....	853
New Brunswick Forest Service Staff Conference—Ellwood Wilson.....	1080
New England Forestry Congress.....	942
New England Mills, Scotch Lumber Cut by.....	1235
New South Wales, The Forestry Situation in.....	862
New York Forestry and Reconstruction.....	880
North America, The Racoons of—R. W. Shufeldt.....	1581
Northern Climes—February and Plant Life Still Sleeps in—R. W. Shufeldt.....	868
Norway, American Lumber for.....	950
Nurseryman Believes in Dynamite—O. B. Strayer.....	1536
Nursery Stock Inspection, Foreign.....	1076
Nut Trees, Uses of the Brazil—C. H. Pearson.....	782
“Oak” The “Wye Mills”—H. S. Clopper.....	1482
Oddities in Tree Stems—Eliza F. Andrews.....	1476
Old Tenth Engineers Hoboken Sheet.....	886
Paid in Full—C. H. Shattuck.....	1219
Palisades in the Interstate Park. Summer Walks in the Woodland. Along the—J. Otis Swift.....	1358
Paper, Conservation of.....	1355
Parasitic Plants; With an Owl Story, Various—R. W. Shufeldt.....	937
Park, California’s Redwood—Arthur A. Taylor.....	1446
Patience, Forestry and—Quincy R. Craft.....	1470
Patriotism, Protecting Birds as an Act of—Moody B. Gates.....	1063
Paulownia Tomentosa Tree, The—Robert Sparks Walker.....	1
Pennsylvania, A Decade of Private Forest Planting in—J. S. Illick.....	1538
Pennsylvania, Free Trees for Planting in.....	852
Photographing Flowers, Phytophotography—Or the Science of—R. W. Shufeldt.....	1069
Pictorial Memorial Trees.....	1537
Piedmont Regions, Erosion in the Appalachian and—R. O. E. Davis.....	1350
Pigeons Aid Foresters, Carrier.....	1504
Pigeons to Protect Forests.....	1306
Pikes Peak, National Forest Plantation Upon—Smith Riley.....	1465
Pine Growth in the South, Slash—Wilbur R. Mattoon.....	1545
Pine Lands in the South, Forest Opportunity on—F. W. Besley.....	983
Pines, The—poem by Lew R. Sarett.....	1314
Planting as a Memorial To our Soldiers and Sailors, Road-side—R. B. Faxon.....	864
Plant a Beech—poem by Lollie Belle Wylie.....	1474
Planting, City Tree—Aldo Leopold.....	1295
Planting, Forward with Tree—Charles Lathrop Pack.....	985
Planting in Pennsylvania, A Decade of Private Forest—J. S. Illick.....	1538
Planting Trees In a New Way.....	1018
Plant-Life Still Sleeps in Northern Climes—February and —R. W. Shufeldt.....	868
Plant World, Mysteries and Revelations of the—D. Lange.....	1273
Planted There, For them a Tree is.....	1468
Plants That Occur in Both North and South Atlantic States: Together with Notes on the American Sparrow Hawk—R. W. Shufeldt.....	801
Plants; With an Owl Story, Various Parasitic—R. W. Shufeldt.....	937
Plovers, The—A. A. Allen.....	877
Policy of Forestry for the Nation, A—Henry S. Graves.....	1401
Policy—Why and How, A National Forest.....	1049
Porto Rico is Planned, Reforestation of.....	1504
Possibilities of Farm Woodland Development Under the Smith-Lever Act—C. R. Tillotson.....	785
Prevention of Forest Fire Losses—Smith Riley.....	1260
Private Forest Planting in Pennsylvania, A Decade of—J. S. Illick.....	1538
Prize Offer for Forestry Essay.....	1562
Profit, Pruning for—Will C. Barnes.....	798
Protecting Birds as an Act of Patriotism—Moody B. Gates.....	1063
Pruning for Profit—Will C. Barnes.....	798
Pyrenees, Scouting for Timber in the—R. Y. Stuart.....	1193
Quebec, Seaplanes to be used for Forest Fire Patrol Work in.....	1238
Racoons of North America, The—R. W. Shufeldt.....	1531
Rails, Gallinules and Coots—A. A. Allen.....	1001
Redwood Park, California’s—Arthur A. Taylor.....	1446
Redwood, The Giant—poem by M. J. Riordon.....	1450
Redwoods Threatened by Fire, The Glory of the—M. B. Pratt.....	1443
Reforest France, To Help.....	789
Reforestation of Porto Rico is Planned.....	1504
Regime Forestier, The Forest Code and the—W. B. Greeley.....	1451
Remembrance, “Roads of.....	1334
Remembrance, “The Community and “Roads of.....	1416
Renascence of the Modern Meeting-House—Joy Wheeler Dow.....	819
Reorganization in Massachusetts (Editorial).....	943

GENERAL INDEX—Continued.

	<i>Page</i>
Research—In the War and After, Forest—Earle H. Clapp.	947
River, Harnessing A—Guy E. Mitchell.....	1480
“Roads of Remembrance”.....	1334
“Roads of Remembrance,” The Community and.....	1416
Roadside Planting as A Memorial to Our Soldiers and Sailors—R. B. Faxon.....	864
Roosevelt, A National Park to Honor.....	855
“Roosevelt”—poem by McLandburgh Wilson.....	789
Roosevelt the Conservationist.....	788
Rothrock, A Tribute to Dr. J. T.....	1458
Sale of Surplus Farm Timber Adds to Cash Returns from Land.....	817
Sandpipers, The—A. A. Allen.....	793
Saw, The New Spring.....	844
Seaplanes to be Used for Forest Fire Patrol Work in Quebec.....	1238
Secretary of Forestry? Why Not A—Frank W. Rane.....	1546
Sentinels of the Forest.....	1489
Service of the Trees, The—poem by W. R. Benet.....	1467
Seventeen-Year Locust, The—R. W. Shufeldt.....	1285
Scotch Lumber Cut by New England Units.....	1234
Scouting for Timber in the Eastern Pyrenees—R. Y. Stuart.....	1193
Slash pine Growth in the South—Wilbur R. Mattoon.....	1547
Smith-Lever Act, The Possibilities of Woodland Develop- ment Under the—C. R. Tillotson.....	785
Soldiers and Sailors, Memorial Trees Planted for.....	913
Soldiers and Sailors, Roadside Planting as a Memorial to Our—R. B. Faxon.....	874
South, Forest Opportunity on Pine Lands in the—F. W. Besley.....	963
South, Slash Pine Growth in the—Wilbur R. Mattoon.....	1547
Southern Forestry Congress, The Second.....	1566
Spider from Florida, An Interesting—R. W. Shufeldt.....	1481
Spinulose Shield Fern, Gathering the—Frank B. Tucker.....	1226
Spring in Maryland—poem by John Ferguson.....	1044
Spring Saw, The New.....	844
Spruce Tree 573 Years Old.....	1363
Squeaky Chipmunk Makes a Discovery—E. G. Cheyney.....	1006
Squeaky Chipmunk Learns Something About Pine Seeds— E. G. Cheyney.....	790
Squeaky Chipmunk Collects Some Seed—E. G. Cheyney.....	856
Squeaky Finds Two More Vandals—E. G. Cheyney.....	1290
Squeaky Chipmunk Sees a New Enemy.....	1472
State Flowers of Maryland and West Virginia.....	1524
State News: (Department of Magazine)	1299; 1364; 1432;
1495; 1555	
Summer Walks Along the Palisades in the Interstate Park —J. Otis Swift.....	1358
Surface Fires. Forest Destruction Prevented by Control of —Joseph A. Kitts.....	1264
Starving to Death, Central Park Trees—Charles Lathrop Pack.....	1391
Stems, Oddities in Tree—Eliza F. Andrews.....	1476
Strategic Importance of Forests in the War—J. Demor- aine.....	1040
Students of Forestry in America, Foreign.....	1525
Syracuse College of Forestry Exhibit.....	1488
Tree Stands There, For Them a.....	1268
Tree Stems, Oddities in—Eliza F. Andrews.....	1476
Tree, The Wishing—J. R. Simmons.....	1205
Trees and the Highways—Philip P. Sharples.....	1415
Trees as Wireless Towers.....	1058
Trees for Memorials.....	779
Trees Grow, When—J. S. Illick.....	1386
Terms Used in Farm Forestry.....	1342
Terns, The Gulls and—A. A. Allen.....	1291
The Federal Income Tax and the Forest Industries—David T. Mason.....	1469
Thunder Mountain—Henry S. Graves.....	907
Timber Census in the North-Eastern States, The—A. B. Recknagel	792
Timber Cruising—P. L. Lyford.....	1482
Timber in the Eastern Pyrenees, Scouting for—R. Y. Stuart	1193
Timber, Mexico As a Source of—Austin F. MacDonald.....	1361
Tortoise of Florida, The—R. W. Shufeldt.....	1465
Towers, Trees as Wireless.....	1058
Training in Forestry, The National Army and—James W. Toumey	816
Transplanting Large Trees.....	1198
Travels of an English Christmas Tree—Clara L. West.....	1523
Tree, Church Built from one—H. E. Zimmerman.....	1450
Trees in 1920, Memorial (Pictorial).....	1537
Trees, Memorial.....	1201
Trees Planted For Soldiers and Sailors, Memorial.....	913
Trees, The Service of the—poem by W. R. Benet.....	1467
Tri-State Forestry Conference.....	1565
Trenton's Bird House Building Contest—M. M. Burris.....	859
Turtle, Mandrakes, Wild Lupine and Notes on the Ameri- can Snapping—R. W. Shufeldt.....	995
Tussock Moth Caterpillar Campaign—M. M. Burris.....	1217
Twentieth Engineers (Forestry) Organization of	1110
Record of Development and Production.....	1111
Employment Application Sheet.....	1160
The Welfare Fund.....	1163
Uncle Sam, Lumberman, Canal Zone—W. H. Babbitt.....	1265
Uses of the Brazil-Nut Tree—C. H. Pearson.....	782
Various Parasitic Plants; With an Owl Story—R. W. Shu- feldt	937
Vehicle Manufacture, Wood Used in—Hu Maxwell.....	845
Versatility of Wood.....	1567
Victory Gardens!—Charles Lathrop Pack.....	771
Vocation, Forestry as a—H. H. Chapman.....	1075
Wales, The Forestry Situation in New South.....	862
Walks in the Woods—J. Otis Swift.....	
The Nepperhan Valley in Winter Time.....	853
“Around Robin Hood's Barn,” to the Grassy Sprain Wood	1009
Along the Croton Aqueduct—with Washington Irving	1066
Walnuts for Planting, Gather.....	792
War and After, Forest Research In the—Earle H. Clapp..	947
War, French Forests in the—Barrington Moore.....	1113
War Service of the American Forestry Association.....	1158
War's Destruction of British Forests—Percival Sheldon Ridsdale	1027
Washington's First Memorial Tree.....	984
Waterfowl, The—A. A. Allen.....	931
Water Supply, National Forests and—Samuel T. Dana.....	1507
Weeks Law Policy, The.....	1566
Welfare Fund, The.....	1163
What “They Say”.....	1016; 1375; 1426
When Trees Grow—J. S. Illick.....	1386
Why and How Some Forest Fires Occur.....	1354
Why Not a Secretary of Forestry?—F. W. Rane.....	1546
Why We Need More Forest Research (Editorial).....	1237
Why Wood is Best—Alfred Gaskill.....	991
Williams of the Forestry Units, A Letter from Chaplain.....	885
Winter, Care for the Birds in.....	781
Wireless Phone in Forest Work.....	1375
Wireless Towers, Trees as	1058
Wishing Tree, The—J. R. Simmons.....	1205
Wood by Weight, Sell Fuel.....	1012
Wood, Floors Made of—Hu Maxwell.....	1343
Wood for Fuel, Cutting.....	1536
Wood is Best, Why—Alfred Gaskill.....	991
Wood Used in Vehicle Manufacture—Hu Maxwell.....	845
Wood, Uses of—Hu Maxwell.....	
Wooden Artificial Limbs.....	807
Wood Used in Vehicle Manufacture.....	845
Fencing Materials from Forests.....	923
Wooden Boats and Their Manufacture.....	973
Wood Used in the Cooperage Industry.....	1208
Floors Made of Wood.....	1343
Wood, Versatility of.....	1567
Wooden Artificial Limbs—Hu Maxwell.....	807
Wooden Boats and Their Manufacture—Hu Maxwell.....	973
Wooden Ships	888
“Wye Mills Oak” The—H. S. Clopper.....	1482
Woodland Development Under the Smith-Lever Act, The Possibilities of—C. R. Tillotson.....	785



